RT-I20L

12.2" Rugged Windows Tablet

Model specifications



Display: 12.2-inch
Operating system: Windows 11 Pro
Protection: IP65
Battery: Removable battery 7.4 V/6300 mAh; Built-in battery 7.4 V/860 mAh

Product Form

Specification	Value
Product Form	12.2" Rugged Windows Tablet
Dimensions	339.3 × 230.3 × 26 mm
Weight	1,500 g
Screen size	12.2 in
Resolution	1200 × 1920
Brightness	700 nits
Touch Panel	10-point capacitive, supports active stylus
Battery	Removable lithium-polymer battery 7.4 V/6300 mAh; Built-in lithium-polymer battery 7.4 V/860 mAh
Camera	Front 2 MP; Rear 13 MP autofocus
Speaker / Microphone	1 W speaker × 1; Mic × 1

Hardware Configuration

Specification	Standard	Optional
CPU	Intel Core Ultra 5 226V	Intel Core Ultra 7 256V; Intel Core Ultra 7 258V
GPU	Intel® Arc 130V/140V Graphics Card	
RAM	LPDDR5x (16 GB)	32 GB LPDDR5x (Ultra 7 processor 258 V)
Storage	SSD (256 GB)	512 GB/1 TB PCIe SSD
Gravity sensor	Supported	

System

Specification	Standard	Optional
Operating System	Windows 11 Pro	Windows 11 Home/IoT

Wireless Connection

Specification	Standard	Optional
Wi-Fi	Wi-Fi 6E	
Bluetooth	Bluetooth 5.4	
Cellular network	4G LTE (EC200A-EL); LTE-FDD: B1/3/5/7/8/20/28; LTE-TDD: B38/40/41; WCDMA: B1/5/8; GSM: /	4G SLM750-VA; LTE-FDD: B2/4/5/12/13/17/18/25/26; LTE-TDD: B41 WCDMA: B2/4/5; CDMA&EVDO: BC0/BC1 GSM: 850/1900; 4G SLM750-VSA; LTE-FDD: B2/4/5/7/8/28; LTE-TDD: B40; WCDMA: B2/5/8; GSM: 850/900/1900
5G network		5G (Redcap)
GNSS	GPS/GLONASS	
NFC		HF-RFID (NFC) reader (NXP300)

Data Collection

Specification	Standard	Optional
Barcode scanning		1D/2D barcode reader (N4680); 1D/2D barcode reader (M1)
Fingerprint	supports	

Interfaces

Specification	Standard	Optional
USB Interfaces	USB 3.2 Gen 2 (Type-A) × 1	
Earphone Jack	3.5 mm Audio Jack × 1	
Memory card	TF × 1	
SIM Card	SIM × 1	
HDMI	Mini HDMI 2.0a × 1	
DC Interfaces	5.5 mm DC input jack × 1	
POGO PIN	12-pin pogo connector	
DB9 Interfaces		RS232 × 1
RJ45 Interfaces	10/100 M/1000 M RJ45 × 1	
Expansion Interfaces	USB 2.0 Type-A × 1	
Type C Interfaces	Thunderbolt 4 × 1	

Other

Specification	Standard	Optional
Power Supply	AC adapter: 100-240 V, 50 Hz-60 Hz, 64.98 W (19 V/3.42 A)	US plug; UK plug
Protection and standards	IP65; MIL-STD-810H; CE; CCC; FCC	
Accessories	Strap, Handle, 19 V/3.42 A Adapter	Charging Dock, Vehicle-mounted Bracket , Removable Battery, 4-Bay Charger RT-ACC-MDC20J
Expansion options	Four-in-one expansion: Gigabit Ethernet and USB 2.0, with optional RS232 and 1D/2D barcode reader.	

Specifications vary by configuration and region. Confirm the exact configuration in your quotation.